MPT
Full height turnstile

> Reliable securing of outdoor areas and company grounds with high rates of pedestrian traffic

> Mechanical, electro-mechanical or motorized designs available

> Sensitive impact detection for maximum safety

> Numerous options, e. g. expansion for wheelchair access

> Designed for 10 million opening and closing cycles

Technical data	MPT 132 3-wing	MPT 132 4-wing	MPT 333 3-wing	MPT 333 4-wing	MPT 330 3-wing	MPT 330 4-wing
Number of wings (angle)	3 (120°)	4 (90°)	3 (120°)	4 (90°)	3 (120°)	4 (90°)
Throughput (number of persons per min.)[1]	Approx. 20	Approx. 20	Approx. 20	Approx. 20	Approx. 20	Approx. 20
Drive technology	MHTM™		Electro-mechanical		Mechanical	
Control system	MBC		MGC		–	
Voltage	110 – 230 V AC, 50 – 60 Hz		100 – 240 V AC, 50 – 60 Hz		–	
Power consumption	Approx. 25 W (without accessories)		Approx. 40 W (without accessories)		–	
Duty cycle	100 %		100 %		–	
Enclosure rating	IP43 (IP54 optionally available)		IP43 (IP54 optionally available)		IP43 (IP54 optionally available)	
Dimensions (L x W x H)	1510 x 1288 x 2235 mm	1359 x 1076 x 2235 mm	1510 x 1288 x 2235 mm	1359 x 1076 x 2235 mm	1510 x 1288 x 2235 mm	1359 x 1076 x 2235 mm
Weight	Approx. 250 kg	Approx. 250 kg	Approx. 250 kg	Approx. 250 kg	Approx. 250 kg	Approx. 250 kg
Temperature range	–30 to +55 °C		–30 to +55 °C		–30 to +55 °C	

[1] Depending on reader, product configuration, person behaviour
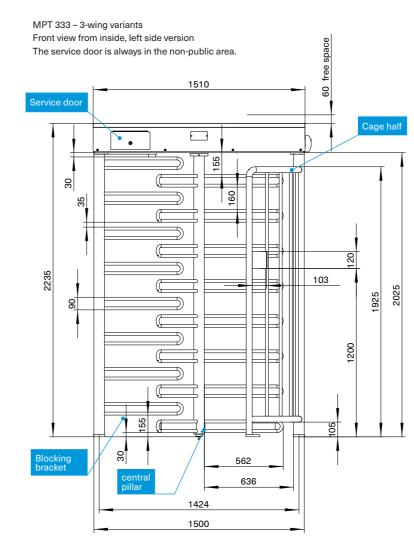
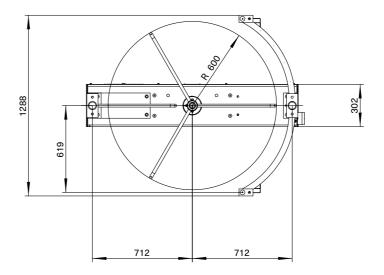## Standard colour

RAL 7042

Special colours are also available on request and can be selected from the table of four-digit RAL colours.
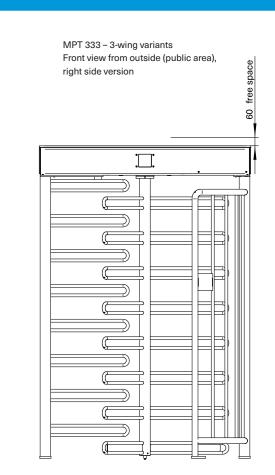
Potential applications

Dimensional drawings

MPT 333 – 3-wing variants
Front view from inside, left side version
The service door is always in the non-public area.

MPT 333 – 3-wing variants
Front view from outside (public area),
right side version

MPT 333 – 3-wing variants (3 x 120°)
View from below

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Please note that the dimensions of the
4-wing variants differ slightly.

MPT
Full height turnstile

Products in basic configuration

Article number	Product description
MPT 333	**Full height turnstile, electro-mechanical[1]**
MPT333CA300	Hot dip galvanized + powder coated in RAL7042
MPT333CA300X	Hot dip galvanized + powder coated in RAL special colour
MPT333CA340	Hot dip galvanized + powder coated in RAL7042, centre in stainless steel (V4A/AISI316L; AISI316Ti)
MPT333CA340X	Hot dip galvanized + powder coated in RAL special colour, centre in stainless steel (V4A/AISI316L; AISI316Ti)
MPT333CA320	Stainless steel tube construction (V4A/AISI316L; AISI316Ti)
MPT 132	**Full height turnstile, motor driven[2]**
MPT132CA300	Hot dip galvanized + powder coated in RAL7042
MPT132CA300X	Hot dip galvanized + powder coated in RAL special colour
MPT132CA340	Hot dip galvanized + powder coated in RAL7042, centre in stainless steel (V4A/AISI316L; AISI316Ti)
MPT132CA340X	Hot dip galvanized + powder coated in RAL special colour, centre in stainless steel (V4A/AISI316L; AISI316Ti)
MPT132CA320	Stainless steel tube construction (V4A/AISI316L; AISI316Ti)
MPT330	**Full height turnstile, mechanical**
MPT330CZ300	Hot dip galvanized + powder coated in RAL7042
MPT330CZ300X	Hot dip galvanized + powder coated in RAL special colour
MPT330CZ340	Hot dip galvanized + powder coated in RAL7042, centre in stainless steel (V4A/AISI316L; AISI316Ti)
MPT330CZ340X	Hot dip galvanized + powder coated in RAL special colour, centre in stainless steel (V4A/AISI316L; AISI316Ti)
MPT330CZ320	Stainless steel tube construction (V4A/AISI316L; AISI316Ti)

[1] Including control unit MGC and fixing kit, steel frame construction, 3 x 120° arrangement
[2] Including control units MBC-110, MMC120 and fixing kit, steel frame construction, 3 x 120° arrangement
[3] Including fixing kit, steel frame construction, 3 x 120° arrangement

Options and accessories for MPT turnstile

Article number	Product description
Optional configuration	
4x90T3MP	Additional charge for arrangement 4 x 90° (not for MPT*3*CA/Z320)
PHZT3GBMP	Additional charge for PHC at service door of support beam MPT*3*/MPG/MPB
Locking for MPT333/330/353/350	
EP100	Conversion charge for entry locked in case of power failure (for each direction 1 kit is required)
EP101	Conversion charge for exit locked in case of power failure (for each direction 1 kit is required)
MAENT101	Lock mechanical release MPT (per direction)
Locking for MPT132/152	
VRM1	One way locking unit in case of power failure, required once per turnstile (for each direction 1 kit is required)
VRM2	Both way locking unit in case of power failure, required once per turnstile (for each direction 1 kit is required)

Options and accessories for MPT turnstile

Article number	Product description
Cage half instead of blocking bracket	
KH01	Cage half with blocking bracket, hot dip glavanized + powder coated in RAL7042
KH0X	Cage half with blocking bracket, hot dip glavanized + powder coated in RAL special colour
KHEK	Cage half with blocking bracket, stainless steel tube construction (V4A/AISI316L; AISI316Ti)
Passage indicator GED (Gate End Display)	
GED105MP	Cage half with blocking bracket, hot dip glavanized + powder coated in RAL7042
Mounting pillar for installing of access control units	
ASMP	Chrome steel powder coated in RAL7042, with mounting plate
ASMPX	Chrome steel powder coated in RAL special colour, with mounting plate
ASMPPHZ	Chrome steel powder coated in RAL7042, with mounting plate, prepared for key cylinder
ASMPPHZX	Chrome steel powder coated in RAL special colour, with mounting plate, prepared for key cylinder
Cover of reader holder	
AMWMPTR	Cover of reader holder in stainless steel powder coated in RAL7042, 1 piece
AMWMPTX	Cover of reader holder in stainless steel in matching turnstile colour, 1 piece
AMWMPT	Cover of reader holder in stainless steel not painted, 1 piece
Push button	
DT101	Illuminated push-button for release of passage by keystroke (per passage direction)
DT102	Surface-mounted button IP67 for free exit
Lighting	
BELED	Lighting LED for MPT*3*/MPG/MPB, consisting of 2 lamps and support, powder coated in RAL7042, without twilight switch (not for mechanical high turnstiles, only for 230 V/50 Hz)
BELEDDS	Lighting LED for MPT*3*/MPG/MPB, consisting of 2 lamps and support, powder coated in RAL7042, with twilight switch (not for mechanical high turnstiles, only for 230 V/50 Hz)
Roof	
1008_5236	Add-on roof for MPT*3*, powder coated in RAL7042
1008_5137X	Add-on roof for MPT*3*, powder coated in special colour
1008_5237	Add-on roof for 2 MPT*3* side by side, powder coated in RAL7042
1008_5138X	Add-on roof for 2 MPT*3* side by side, powder coated in special colour
1008_5109	Pent roof freestanding for MPT*3*, powder coated in RAL7042 (4 posts)
1008_5011X	Pent roof freestanding for MPT*3*, powder coated in special colour (4 posts)

Options and accessories for MPT turnstile

Article number	Product description
Foundation frames for 3 x 120°[4]	
1031_5292	Foundation frame for MPT*3* without roof
1031_5297	Foundation frame for MPT*3* with roof freestanding
1031_5457	Foundation frame for MPT*3* with cage half with blocking bracket without roof
1031_5489	Foundation frame for MPT*3* with cage half with blocking bracket and roof freestanding
Premium roof	
ADACHT3R	Add-on roof powder coated in RAL7042 for MPT*3*
ADACHT3FX	Add-on roof for MPT*3*, powder coated in special colour
ADACH2T3R	Add-on roof for 2 MPT*3* side by side, powder coated in RAL7042
ADACH2T3FX	Add-on roof for 2 MPT*3* side by side, powder coated in special colour
PDACHT3R	Pent roof freestanding for MPT*3*, powder coated in RAL7042 (4 posts)
PDACHT3FX	Pent roof freestanding for MPT*3*, powder coated in special colour (4 posts)
PDACH2T3R	Pent roof freestanding for 2 MPT*3*, powder coated in RAL7042 (6 posts)
PDACH2T3FX	Pent roof freestanding for 2 MPT*3*, powder coated in special colour (6 posts)
PDACH3T3R	Pent roof freestanding for 3 MPT*3*, powder coated in RAL7042 (8 posts)
PDACH3T3FX	Pent roof freestanding for 3 MPT*3*, powder coated in special colour (8 posts)
BSS104	Mounting set for pent roof on foundation frame for 2 posts
BSS105	Mounting set for pent roof on ground for 2 posts
Premium foundation frames for 3 x 120°	
FURAT3D	Foundation frame for MPT*3* without roof
FURAAD2T3	Foundation frame for MPT*3* with roof freestanding
FURA2T3D	Foundation frame for 2 x MPT*3* with add-on roof
FURA3T3D	Foundation frame for 2 x MPT*3* with roof freestanding
KHADS100	Foundation frame for 3 x MPT*3* with roof freestanding
ADACHT3FX	Adapter kit for FURAT3/FURAT3D for 2. cage half blocking bracket

[4] Premium foundation frames for 4 x 90° only on request.

Spare parts

A comprehensive digital list of spare parts for perimeter protection is available. If necessary, please request this via e-mail to **cs@ac-magnetic.com**

Perimeter protection